

IN THE CLAIMS

Please cancel claims 1-22

Please add new claims

23. An isolated regulatory nucleotide sequence from base 1 to base 1311 of SEQ ID NOs: 1 or 2.
24. A regulatory region comprising the sequences of base 1155 to base 1311 of SEQ ID NOs: 1 or 2.
25. A regulatory region comprising sequences from base 1179 to base 1208 of SEQ ID NOs: 1 or 2.
26. A regulatory region comprising sequences from base 1239 to base 1278 of SEQ ID NOs: 1 or 2.
27. An expression cassette comprising the isolated regulatory nucleotide sequence of any one of claims 23, 24, 25 or 26 wherein said regulatory nucleotide sequence is operably linked to an exogenous nucleotide sequence encoding a desired protein.
28. An expression vector comprising the expression cassette of claim 27.
29. The expression vector of claim 28 wherein the vector further comprises a promoter from any one of CaMV35S, SGB6, SEQ ID NO: 1 or 2 or 5126.
30. The expression vector of claim 28 wherein the protein encoded by the exogenous nucleotide sequence prevents the development of plant male tissues.
31. A plant cell comprising the expression vector of claim 28.
32. An isolated regulatory nucleotide sequence comprising a fragment of SEQ ID NO: 1 or 2, said fragment having regulatory activity.
33. A method for preventing male fertility in a plant comprising: introducing into plant cells the expression vector of claim 28, wherein the protein encoded by the first exogenous nucleotide sequence is expressed to levels that prevent the development of plant male tissues, and regenerating the transformed plant cells to a plant, thereby preventing male fertility of the plant.
34. The method of claim 33, further comprising growing the regenerated plant to a male sterile plant.
35. The method of claim 33 wherein the regulatory nucleotide sequence is inducible.

36. The method of claim 35 wherein when the plant is male fertile when the regulatory sequence is induced.

37. A method of producing a male fertile hybrid plant comprising: cross-fertilizing the male sterile plant of claim 34 with a second plant, the second plant comprising a second exogenous nucleotide sequence encoding a protein that prevents expression of the first exogenous nucleotide sequence, thereby producing a male fertile hybrid plant.

38. A method for producing a hybrid seed comprising: (a) growing a first male sterile parent plant comprising the isolated regulatory nucleotide sequence of claim 32 operably linked to an exogenous nucleotide sequence conferring male sterility; (b) growing a second parent plant which is male fertile; and (c) cross-fertilizing the first parent plant and the second parent plant to produce the hybrid seed.

39. The method of claim 38, further comprising growing the hybrid seed to produce a third male sterile parent plant; growing a fourth parent plant comprising a nucleotide sequence conferring a desired trait; and cross-fertilizing the third and fourth parent plants to produce second hybrid seed.

40. A transformed plant regenerated from the plant cell of claim 31.

41. A plant cell comprising the nucleotide sequence of claim 32.

42. A transformed plant regenerated from the plant cell of claim 41.